

COMPACT GOAL

Jordan is one of the most water scarce countries in the world, and severe water shortages constrain economic opportunities and impact daily life. The Jordanian Compact will invest up to \$275.1 million to increase income and reduce poverty in Zarqa Governorate through increases in the supply of water available to households and businesses and through improvements in the efficiency of water delivery, the extension of wastewater collection and the expansion of wastewater treatment.

COMPACT AT A GLANCE

Compact Signed	10-25-2010
Entry Into Force	12-13-2011
Compact End Date	12-13-2016
Compact Total	\$275,100,000
Amount Committed	\$148,381,280
Amount Expended	\$26,970,237
Estimated Program Beneficiaries	3,000,000
Estimated Increase in Household Income	\$800,300,000

% OF TOTAL COMPACT BUDGET (USD MILLIONS)

37%	Water Network Project	\$102.5
20%	Wastewater Network Project	\$54.2
36%	As-Samra Expansion Project	\$98.7
1%	Monitoring and Evaluation	\$2.8
6%	Program Administration and Control	\$16.7



■ Project Preparation ■ Project Implementation

Water Network Project		PROJECT COST	TOTAL CONTRACT COMMITMENTS	TOTAL PROJECT EXPENDITURES¹																																						
		\$102,570,034	\$4,749,875	\$1,495,920																																						
<p>Improve the overall drinking water system efficiency in Jordan's Zarqa Governorate through the construction and rehabilitation of a pump station, reservoirs and hundreds of kilometers of water transmission and delivery pipes. The intervention also includes the replacement of household connections and meters as well as targeted grants to assist in efficient water management.</p> <hr/> <p>Projected Long-Term Results (Up to 20 years)</p> <table><tr><td>ESTIMATED BENEFICIARIES</td><td>ESTIMATED INCREASE IN HOUSEHOLD INCOME</td></tr><tr><td>1,634,000</td><td>\$197,800,000</td></tr></table>		ESTIMATED BENEFICIARIES	ESTIMATED INCREASE IN HOUSEHOLD INCOME	1,634,000	\$197,800,000	<table><tr><td></td><td>YEAR 1</td><td>YEAR 2</td><td>YEAR 3</td><td>YEAR 4</td><td>YEAR 5</td></tr><tr><td>Zarqa Water Supply Area</td><td><div></div></td><td><div></div></td><td><div></div></td><td><div></div></td><td><div></div></td></tr><tr><td>Russaifah Water Supply Area</td><td><div></div></td><td><div></div></td><td><div></div></td><td><div></div></td><td><div></div></td></tr><tr><td>Water Smart Homes Activity</td><td><div></div></td><td><div></div></td><td><div></div></td><td><div></div></td><td><div></div></td></tr><tr><td></td><td colspan="5">PRESENT</td></tr></table>								YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	Zarqa Water Supply Area	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	Russaifah Water Supply Area	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	Water Smart Homes Activity	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		PRESENT				
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		Reduce rate of water losses in Zarqa Governorate system from over 50% to 35% and increase supply from 36 to 70 hours a week during the summer through construction and repairs to reservoirs, pump stations and up to 80 km of primary and secondary pipes, and an estimated 800 km of tertiary pipes.		MCA-Jordan received bids under design-build approach but rejected all of the bids due to unreasonable prices. MCA-Jordan is now converting the project for a design-bid-build type construction. The Project Management Consultant has been tasked with the completion of detailed designs and the preparation of tender documents for design-bid-build construction and work is underway.																																						

Wastewater Network Project	PROJECT COST	TOTAL CONTRACT COMMITMENTS	TOTAL PROJECT EXPENDITURES [†]				
	\$54,274,261	\$46,323,742	\$5,013,881				
<p>The project is designed to improve the overall waste water system efficiency and capacity in Jordan's Zarqa Governorate by replacing or rehabilitating undersized sewer trunk lines and expanding lateral sewers in the neighborhoods of East Zarqa, West Zarqa and West Russaifah.</p> <p>Projected Long-Term Results (Up to 20 years)</p> <table><tr><td>ESTIMATED BENEFICIARIES</td><td>ESTIMATED INCREASE IN HOUSEHOLD INCOME</td></tr><tr><td>2,023,000</td><td>\$602,500,000</td></tr></table>	ESTIMATED BENEFICIARIES	ESTIMATED INCREASE IN HOUSEHOLD INCOME	2,023,000	\$602,500,000	<div><div>YEAR 1</div><div>YEAR 2</div><div>YEAR 3</div><div>YEAR 4</div><div>YEAR 5</div></div> <div><div>West Zarqa Pumping Station Area</div><div>East Zarqa Pumping Station Area</div></div> <div><div>PRESENT</div></div>		
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	2,023,000	\$602,500,000					
<p>PROJECTED RESULTS BY END OF COMPACT</p> <p>The extension of lateral sewer lines is expected to raise coverage rates from 72% to about 82% of the local population, reduce incidents of sewage overflow and capture more waste water for treatment.</p>	<p>PROGRESS TO DATE</p> <p>Construction work is underway on all three packages. Consultant for implementation of the Resettlement Action Plan has begun work.</p>	<p>PROJECT ACHIEVEMENTS</p>					
As-Samra Expansion Project	PROJECT COST	TOTAL CONTRACT COMMITMENTS	TOTAL PROJECT EXPENDITURES [†]				
	\$98,703,598	\$96,698,000	\$19,819,887				
<p>A Public Private Partnership (PPP)-based expansion of the existing As-Samra Wastewater Treatment Plant will provide proper handling of sewage while also producing much needed treated water for irrigation. Leveraging MCC funding with private sector debt and equity is intended to help ensure proper operation of the facility and sustainability beyond the life of the Compact.</p> <p>Projected Long-Term Results (Up to 20 years)</p> <table><tr><td>ESTIMATED BENEFICIARIES</td><td>ESTIMATED INCREASE IN HOUSEHOLD INCOME</td></tr><tr><td>2,023,000</td><td>\$602,500,000</td></tr></table>	ESTIMATED BENEFICIARIES	ESTIMATED INCREASE IN HOUSEHOLD INCOME	2,023,000	\$602,500,000	<div><div>YEAR 1</div><div>YEAR 2</div><div>YEAR 3</div><div>YEAR 4</div><div>YEAR 5</div></div> <div><div>As-Samra WWTP Expansion</div></div> <div><div>PRESENT</div></div>		
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	2,023,000	\$602,500,000					
<p>PROJECTED RESULTS BY END OF COMPACT</p> <p>Improve allocation of scarce water resources through increasing the substitution of freshwater for treated wastewater in agriculture from 61% to 70% and thereby making additional freshwater available for urban consumption.</p>	<p>PROGRESS TO DATE</p> <p>The Ministry of Water & Irrigation and the Project Sponsors signed the Restated Project Agreement. The parties finalized the various financing and security agreements, paving the way for financial closing and mobilization of more than US\$100 million of debt and equity funding. Engineering work is underway and the construction has commenced.</p>	<p>PROJECT ACHIEVEMENTS</p>					

Note on Beneficiaries: The Wastewater Network Project and the As-Samra Expansion Project have been assessed as a single unit; Estimated Beneficiaries of 2,023,137 and Estimated Increase in Household Income of \$602,500,000 apply to both.

[†]Expenditures are the sum of cash outlays and quarterly accruals for work completed but not yet paid or invoiced.

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